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APR 14 1970

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation,
Utah Fish and Game Dept., Utah State University, U.S. National
Park Service, U.S. Geological Survey; and other Federal, State,
and private organizations.

AS OF
APR. 1, 1970

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES .

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P O Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SALT LAKE CITY, UTAH

In Cooperation with

HUBERT C. LAMBERT

STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

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PROSPECTIVE WATER SUPPLIES

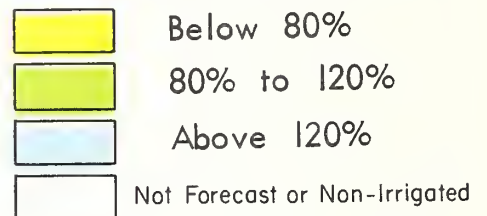
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1970

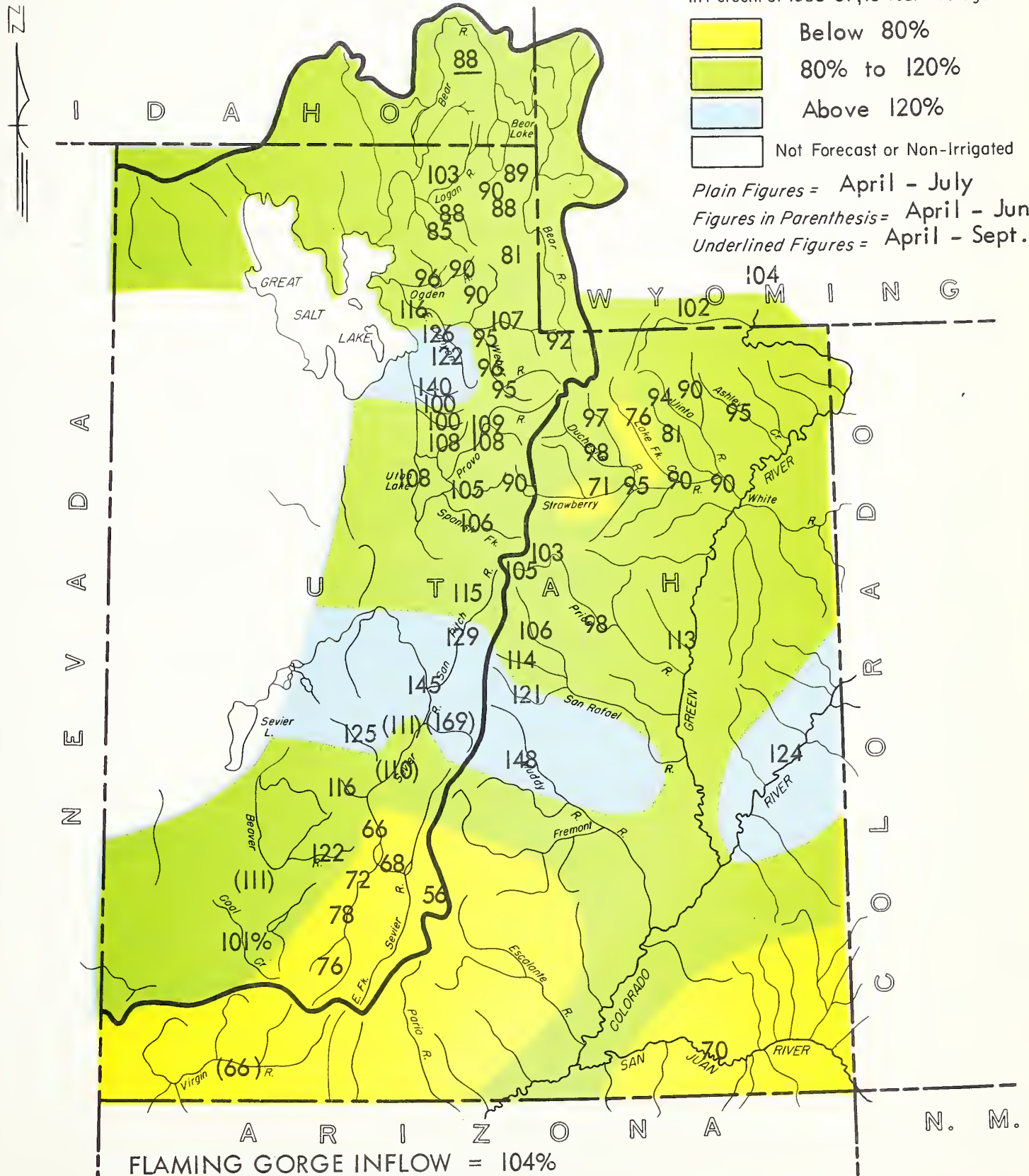
Approximate Date



FORECAST STREAM FLOW
in Percent of 1953-67, 15 Year Average



Plain Figures = April - July
Figures in Parenthesis = April - June
Underlined Figures = April - Sept.



FLAMING GORGE INFLOW = 104%
NAVAJO RESERVOIR INFLOW = 68%
LAKE POWELL INFLOW = 110%

WATER SUPPLY OUTLOOK

as of

APRIL 1, 1970

* * * * *

The 1970 Water Supply Outlook for Utah ranges from "below average" on the Virgin, Upper Sevier and San Juan Rivers to "above average" on Muddy Creek, Salina Creek and the Lower Sevier River. The remainder of the State is near average. Snow cover is near average except in southern Utah and reservoir storage is well above average.

* * * * *

NORTHERN UTAH

The northern Utah Water Supply Outlook remains "good," due to near average precipitation for March. Reservoir storage still remains well above average.

Precipitation and Snow Cover

Precipitation for the month of March was near or slightly below average ranging from 56% at Sagebrush Flat near Huntsville to 118% at Silver Lake (Brighton), Big Cottonwood Canyon.

Snow cover ranges from 77% at the Camp Altamont snow course in American Fork Canyon to a high of 146% at Clear Creek Ridge #3 on the upper Spanish Fork River. The Bear River, Logan River, Ogden River, Chalk Creek, and East Canyon Creek are all near average with 100%, 101%, 97%, 100%, 104% respectively. Snow cover east of Salt Lake is 108% of average. The American Fork River has the least snow cover, 84% of average, followed by the Provo with 88%.

Streamflow and Reservoir Storage

Streamflow forecasts now vary from 81% on Woodruff Creek near Woodruff, Utah to 140% of the April-July forecast period at Parley's Canyon Summit, east of Salt Lake City. Forecasts for the Bear River system generally increased 3% to 9% to 90%, except for Woodruff Creek, which decreased 14% to 81% of average. The Weber River system gained from 3% to 5% to 95% of its April-July streamflow average. East Canyon remains well above average with 126%, 30,000 A.F. Inflows to Pineview and Rockport Reservoirs are expected to be 96% of their 1953-1967 averages. Utah Lake inflow and the Provo River remain above average at 107%. The Wasatch Front varies from 100% for Big and Little Cottonwoods to 140% for Parleys Creek.

With near average streamflow forecasts for the entire northern area and excellent carry-over storages in all reservoirs, more than an adequate water supply is forecast for the coming season.

WATER SUPPLY OUTLOOK (continued)

EASTERN UTAH

The Water Supply Outlook for Eastern Utah is near average over most of the area. A little above average April-July runoff is expected on the Muddy River and Ferron Creek and below average on the Strawberry at Duchesne and San Juan near Bluff.

Precipitation and Snow Cover

March precipitation was above 150% in Southeastern Utah and along the Uintah Mountains and near average on the Price, Strawberry and Duchesne River drainages. Lower elevations on the south side of the Uintahs had only 50-60% of average or less.

Snow cover now ranges from 130% of average on Muddy River to 79% on Lakefork River. The Uintahs are now 110% on Sheep Creek and Henrys Fork, 110% on Blacks Fork, 97% on Ashley Creek, 88% on Uintah-Whiterocks, and 91% on the upper Duchesne. The Price River is average and Cottonwood Creek 105%. The LaSal Mountains are 123% of average and the Blue Mountains 83% of the 1953-67 average for April 1.

Reservoir Storage

Reservoir Storage is above average in Stienaker 138% (25040 acre feet) and Scofield 227% (52440 acre feet). Moon Lake is a little below the April 1 average 88% (15070 acre feet). Joe's Valley has 44680 acre feet in storage and Starvation 39,690 acre feet. Strawberry Reservoir now holds 195,940 acre feet (159%).

Streamflow

March streamflow was deficient in northeastern and southeastern Utah. Streamflow forecasts for the April-July period now range from 148% of average on Muddy River to 71% on Strawberry at Duchesne. The Duchesne is expected to flow 98% of average at Tabiona, 95% at Duchesne and 90% at Myton. Rock Creek is forecast to flow 85,000 acre feet (97%), Lakefork 50,000 acre feet (76%), Ashley Creek is expected to flow 42,000 acre feet (95%), the Uintah River 74,000 acre feet (94%) and Whiterocks 46,000 acre feet (90%). Yellowstone River is expected to flow 48,000 acre feet (81%).

Gooseberry Creek near Scofield is forecast at 105% of its April-July average and Scofield Reservoir Inflow is expected to be 103% (33,000 acre feet) during the April-July period. Price River is forecast near average (98%) and Huntington Creek 106%. Cottonwood Creek is expected to flow 50,000 acre feet (114%) and Ferron Creek 40,000 acre feet (121%).

Flaming Gorge Inflow is expected to be 104%, the Green at Green River 113%, and the San Juan at Bluff 70% of the April-July average for the 1953-67 period.

WATER SUPPLY OUTLOOK (continued)

CENTRAL AND SOUTHERN UTAH

The Water Supply Outlook for central and southern Utah still ranges from 28-34% below average on the Virgin and Upper Sevier Rivers to 25-69% above average on Chalk Creek and Salina Creek on the Lower Sevier.

Precipitation and Snow Cover

March precipitation was generally above to much above average in Central and Southern Utah with some stations reporting better than double the usual amounts. Snow courses picked up as a result of good storms and cool weather in the mountains of Southern Utah but the snow cover is still only 58% of average on the Upper Sevier and 66% on the Virgin. Coal Creek is now 89% of average, the Beaver River 112% and Clear Creek 115%. Chalk Creek drainage is now 122% and Salina Creek 127% of the April 1 average. Snow cover along the San Pitch ranges from 102% in Fairview Canyon to 111% in Twelve Mile Canyon. The East Fork of the Sevier is 105% of the April 1 average.

Reservoir Storage

Sevier River reservoirs are all full. Sevier Bridge filled as of March 16, for the first time since 1953. The October-March inflow into Sevier Bridge totaled about 132,000 acre feet - the best flow for several years. Total storage in Otter Creek, Piute and Sevier Bridge totals 358,600 acre feet (221%). Gunnison Reservoir is full with 18,200 acre feet of useable storage.

Streamflow

Most streamflow forecasts raised as a result of better than average March increases to the snow pack. Forecasts now range from 56% on Antimony Creek to 169% on Salina Creek. The Virgin River forecast raised 13% and is now expected to flow 25,000 acre feet (66%) April-June and the East Fork Sevier 8,000 acre feet (68%). The Sevier at Hatch is now forecast to flow 25,000 acre feet (76%) April-July and the Sevier below Piute (66%). The Sevier near Gunnison is expected to flow 45,000 acre feet (145%) and the Inflow Kingston-Vermillion and Vermillion to Gunnison is forecast at 110% and 111% respectively. The Beaver River is forecast to flow 23,000 acre feet (122%) and Rockyford Inflow is expected to be 5,200 acre feet 111%. Coal Creek is forecast to flow 14,000 acre feet (101%). Some water supply shortages are expected on the Virgin and Upper Sevier where reservoir storage is not available but the remainder of Central and Southern Utah should have above average water supplies this year.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
	<u>GREAT BASIN</u>				
<u>Bear River</u>	Bear Lake	1421.0	1139.8	1043.8	895.2
	Woodruff Narrows	26.5	23.5	26.5	- -
<u>Beaver River</u>	Minersville (Rky Fd)	23.3	22.2	23.5	11.9
<u>Little Bear</u>	Hyrum	15.3	13.0	10.7	13.1
	Porcupine	11.3	5.4	3.5	- -
	Causey	7.1	1.2	5.4	- -
	Pineview	110.1	60.7	32.9	29.9
<u>Provo</u>	Deer Creek	149.7	89.3	95.2	90.1
<u>Sevier River</u>	Gunnison	18.2	18.2	18.5	- -
	Otter Creek	52.5	53.9	49.0	27.9
	Piute	71.8	71.8	60.4	38.8
	Sevier Bridge	236.0	232.9	164.6	95.8
<u>Spanish Fork</u>	Strawberry	270.0	195.9	156.7	123.1
<u>Utah Lake</u>	Utah Lake	883.9	870.6	863.0	600.3
<u>Weber</u>	East Canyon	48.1	37.8	27.5	13.7
	Echo	73.9	60.7	21.3	41.3
	Lost Creek	20.0	13.9	8.8	- -
	Rockport	60.9	21.6	26.5	24.2
	Willard Bay	193.3	141.3	115.2	- -
	<u>COLORADO RIVER DRAINAGE</u>				
<u>Ashley Creek</u>	Steinaker	33.3	25.0	26.5	- -
<u>Colorado</u>	Blue Mesa	829.5	410.8	346.8	- -
	Lake Powell	25002.0	9535.0	7392.0	5156.0
<u>Green</u>	Flaming Gorge	3749.0	1484.0	1622.7	1231.0
<u>Lake Fork</u>	Moon Lake	35.8	15.1	26.8	17.1
<u>Price River</u>	Scofield	65.8	52.4	39.0	23.1
<u>San Rafael</u>	Joe's Valley	54.6	44.7	29.1	- -
<u>San Juan</u>	Navajo	1696.4	859.2	662.5	- -
<u>Strawberry</u>	Starvation	165.3	39.7	- -	- -

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
BEAR RIVER SYSTEM					
Bear at Harer, Idaho	200	88	Apr-Sept	319	226
Bear nr Randolph	65	89	Apr-July	125	73
Bear nr Ut-Wyo State Line	98	92	Apr-July	111	106
Bear nr Woodruff	92	88	Apr-July	125	104
Big Crk nr Randolph, Utah	4.3	90	Apr-July	5.3	4.8
Blacksmith Fork nr Hyrum	37	88	Apr-July	51	42
Little Bear nr Paradise	36	85	Apr-June	43	42
Logan nr Logan (1)	102	103	Apr-July	111	99
Smith's Fork nr Border, Wyoming	115	106	Apr-Sept	115	108
Woodruff Crk nr Woodruff, Utah	10.9	81	Apr-July	21	13.5
WEBER-OGDEN RIVERS					
Chalk Crk at Coalville	30	107	Apr-July	46	28
East Canyon Crk nr Morgan (2)	23	126	Apr-July	38	18.2
Hardscrabble Crk nr Porterville	17.6	122	Apr-July	22	14.4
Lost Crk nr Croydon, Utah	11.1	90	Apr-July	25	12.3
Pineview Reservoir Inflow (3)	90	96	Apr-July	155	94
South Fork Ogden nr Huntsville	44	90	Apr-July	76	49
Rockport Reservoir Inflow (4)	108	96	Apr-July	153	113
Weber nr Coalville (5)	105	95	Apr-July	173	110
Weber nr Oakley	100	95	Apr-July	146	109
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork	28	108	Apr-July	60	26
Hobble Crk nr Springville	13.6	105	Apr-July	37	13.0
Provo nr Hailstone (6)	95	109	Apr-July	129	87
Provo below Deer Crk Dam (7)	104	108	Apr-July	165	96
Spanish Fork at Thistle	33	106	Apr-July	67	31
Strawberry Reservoir Inflow (8)	37	90	Apr-July	80	41
Utah Lake Inflow	210	108	Apr-July	263	195
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	34	100	Apr-July	44	34
Farmington Crk nr Farmington	7.9	116	Apr-July	10.8	6.8
Little Cottonwood Crk nr SLC	33	100	Apr-July	51	33
Parley's Crk nr SLC	13.2	140	Apr-July	17.7	9.4

FOOTNOTES - See last page

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>SEVIER RIVER</u>					
Chalk Creek nr Fillmore	16.5	125	Apr-July	17.7	13.2
Clear Crk nr Sevier (Above Div.)	14.5	116	Apr-July	- -	12.5b
East Fork Sevier nr Kingston (9)	8.0	68	Apr-July	33	11.7
Antimony Crk nr Antimony	4.4	56	Apr-July	5.1	7.8b
Inflow					
Kingston to Vermillion Dam	33	110	Apr-June	50	30 b
Vermillion Dam to Gunnison	50	111	Mar-June	57	45 b
Salina Crk at Salina (10)	10.0	169	Apr-June	- -	5.9*
Sevier nr Circleville	21	78	Apr-July	93	27
Sevier nr Gunnison	45	145	Apr-July	109	31 b
Sevier at Hatch	25	76	Apr-July	107	33
Sevier nr Kingston	11.1	72	Apr-July	80	15.4
Sevier below Piute Dam (11)	19.0	66	Apr-July	118	29
<u>SAN PITCH RIVER</u>					
Ephraim Creek nr Ephraim	18.0	129	Apr-July	- -	13.9b
Pleasant Crk nr Mt. Pleasant	9.0	115	Apr-July	10	7.8b
<u>BEAVER RIVER</u>					
Beaver nr Beaver	23	122	Apr-July	36	18.9
Rockyford Reservoir Inflow (12)	5.2	111	Apr-June	- -	4.7
<u>COAL CREEK</u>					
Coal Crk nr Cedar City	14.0	101	Apr-July	37	13.8
<u>COLORADO RIVER BASIN</u>					
Green River Tributaries in Utah					
<u>FLAMING GORGE TO DUCHESNE RIVER</u>					
Ashley Creek nr Vernal	42	95	Apr-July	58	44
Henry's Fork at Linwood	39	102	Apr-Sept	- -	38
FOOTNOTES - See last page					

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>DUCHESNE RIVER</u>					
Duchesne nr Tabiona (13)	92	98	Apr-July	138	94
Duchesne at Duchesne (13)	159	95	Apr-July	- -	167
Duchesne at Myton (16)	219	90	Apr-July	- -	243
Duchesne at Randlett (16)	234	90	Apr-July	- -	262
Strawberry at Duchesne	35	71	Apr-July	101	49
Rock Crk nr Mtn. Home	85	97	Apr-July	107	88
Lakefork below Moon Lake (14)	50	76	Apr-July	- -	66
Yellowstone nr Altonah	48	81	Apr-July	83	59
Uinta nr Neola	74	94	Apr-July	114	79
Whiterocks nr Whiterock	46	90	Apr-July	73	51
<u>PRICE RIVER</u>					
Gooseberry Crk nr Scofield	10.5	105	Apr-July	16.9	10.0
Price nr Heiner (15)	53	98	Apr-July	123	54
Scofield Reservoir Inflow (15)	33	103	Apr-July	60	32
<u>SAN RAFAEL RIVER</u>					
Cottonwood Crk nr Orangeville	50	114	Apr-July	60	44
Ferron Crk nr Ferron	40	121	Apr-July	51	33
Huntington Crk nr Huntington	44	106	Apr-July	- -	42
<u>MUDDY RIVER</u>					
Muddy Creek nr Emery	24	148	Apr-July	27	16.2b
<u>VIRGIN RIVER</u>					
Virgin nr Virgin	25	66	Apr-June	138	38
<u>UPPER COLORADO BASIN</u>					
Colorado nr Cisco, Utah (15)	3468	124	Apr-July	3359	2802
Flaming Gorge Inflow (3)	1098	104	Apr-July	1273	1054
Lake Powell Inflow (3)	7214	110	Apr-July	8162	6527
Green at Green River, Utah (15)	2916	113	Apr-July	3404	2574
San Juan nr Bluff, Utah (15)	626	70	Apr-July	1373	890
Navajo Reservoir Inflow	420	68	Apr-July	897	619

FOOTNOTES - See last page

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
<u>NORTHERN UTAH</u>		
Big Creek near Randolph	15 - 55	43
Big Cottonwood Creek near SLC	340 - 425	310
Hobble Creek near Springville	50 - 250	180
Spanish Fork near Thistle	130 - 620	307
So. Fork Ogden River nr Huntsville	430 - 670	643
<u>EASTERN UTAH</u>		
Ferron Creek near Ferron	360 - 665	414
Muddy Creek near Emery	170 - 295	142
Strawberry River at Duchesne	200 - 1000	558
<u>SOUTHERN and CENTRAL UTAH</u>		
Beaver River near Beaver	125 - 390	215
Clear Creek near Sevier	150 - 180	156b
Coal Creek near Cedar City	210 - 480	217
Salina Creek near Salina	200 - 250	133*
Sevier River at Hatch	40 - 280	370
Sevier River at Circleville	125 - 337	292
Sevier River at Kingston	118 - 214	223
Virgin River nr Virgin	215 - 700	557
*Highly abnormal weather during the critical melting period may cause the peak to be outside the indicated range.		

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Clear Creek nr Sevier (above Div.)	5	July 15	July 19
Salina Creek at Salina	25	June 15	June 10
Sevier at Circleville(Circle Valley)	90	June 2	June 24
Sevier at Hatch (upper)	100	June 10	July 10

WSFB-X10-L

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period†	Forecast Period
<u>Sevier River</u>			
Below Vermillion Dam	59	58	Apr-Sept
Circle Valley	62	66	Apr-Sept
Panguitch Valley	82	84	Apr-Sept
Sevier Valley	43	40	Apr-Sept

OTHER SPECIAL FORECASTS

Below Vermillion - Very little flow above 360 second feet is expected this year, possibly 500 - 1000 acre feet.

Inflow to Sevier Bridge reservoir from October 1 to March 31, was about 132,000 acre feet. The reservoir filled March 16 for the first time since 1953.

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF:	
		Last Year	Average
<u>BEAR RIVER</u>			
Bear River So. of Evanston, Wyo.	4	79	98
Blacksmith Fork - Little Bear River	5	81	97
Cub River (Idaho)	3	99	99
Emigration Creek (Idaho)	2	86	113
Logan River	6	95	101
Malad River	2	39	76
Smith's Fork of Bear River (Wyo.)	5	81	97
Strawberry-Mink Creeks	3	79	96
<u>WEBER-OGDEN RIVERS</u>			
Chalk Creek Above Coalville	3	78	100
East Canyon Creek	2	75	104
Farmington Creek	2	80	108
Ogden River	5	68	97
Weber River Above Coalville	8	71	100
<u>UTAH LAKE, JORDAN RIVER & TOOELE VALLEY</u>			
American Fork River	3	42	84
Hobble Creek	2	52	92
Mr. Nebo Area	2	79	111
Provo River above Deer Creek Dam	6	57	88
Salt Lake Area	3	79	107
Spanish Fork River	5	70	111
Strawberry Reservoir Valley	3	55	89
Tooele Area	3	60	102
<u>SEVIER RIVER</u>			
Beaver River	3	59	112
Chalk Creek near Fillmore	2	84	122
Chicken Creek near Levan	1	82	116
Clear Creek above Sevier	1	67	115
East Fork Sevier River	6	46	105
Ephraim Creek	2	82	106
Manti Creek	2	72	108
Mt. Pleasant Area	3	65	102
Salina Creek	2	91	127
Sevier River above Panguitch	5	22	58
Twelve Mile Creek near Mayfield	2	62	111

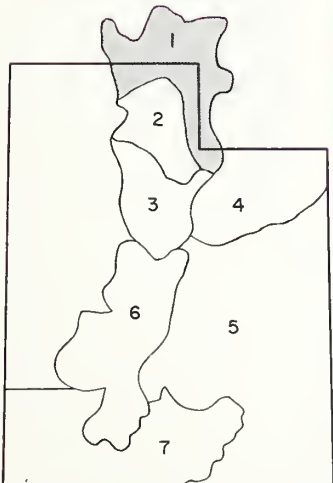
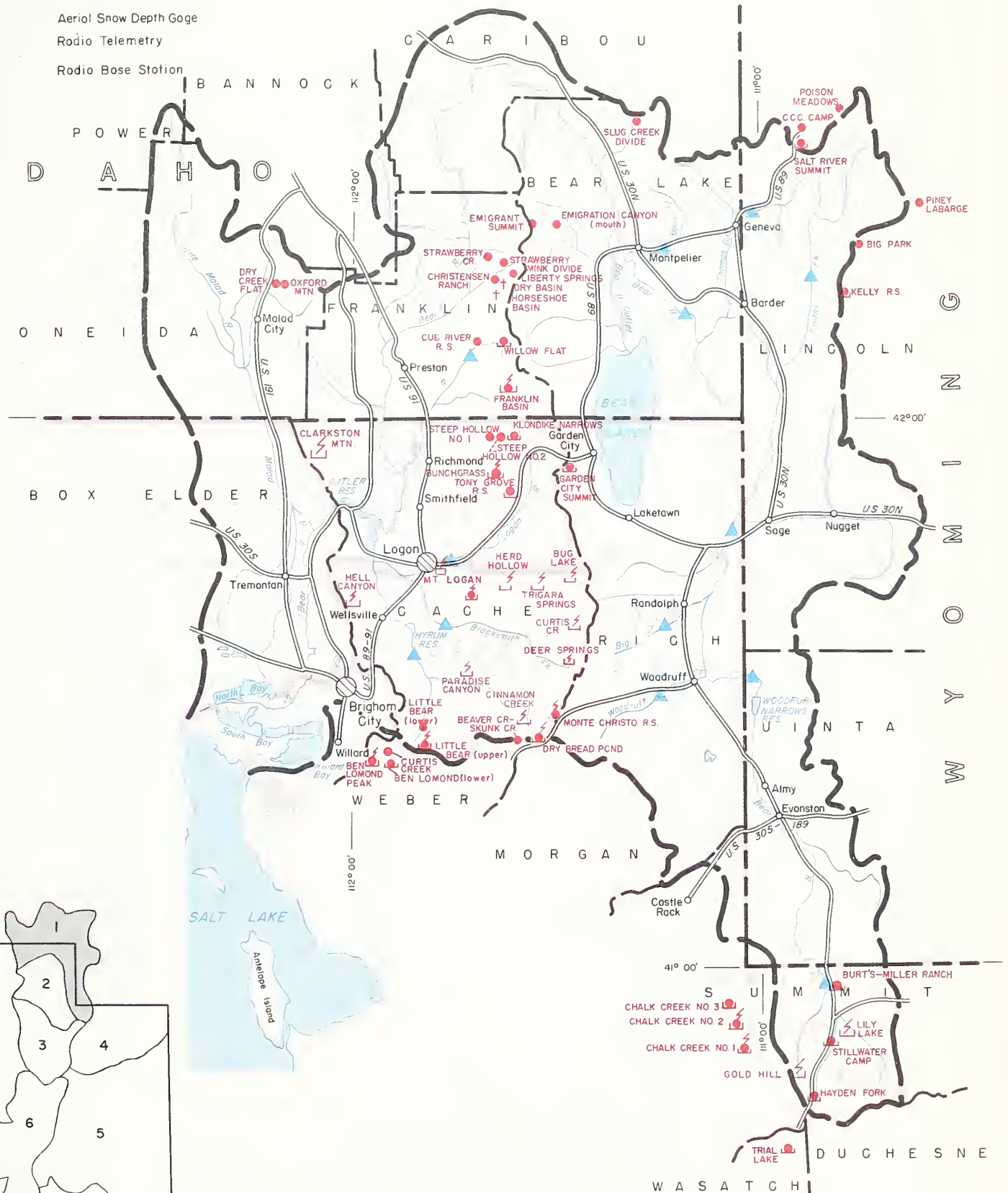
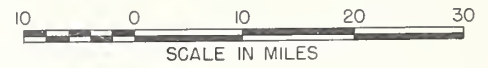
SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF:	
		Last Year	Average
<u>UINTAH BASIN & NORTH SLOPE UINTAH MOUNTAINS</u>			
Ashley-Brush Creeks	4	54	97
Black's Fork & Smith's Fork Rivers	4	124	107
Duchesne River above Tabiona	3	66	91
Henry's Fork River & Sheep Creek	4	104	110
Lakefork River	3	51	79
Strawberry River	5	48	87
Uintah-Whiterocks Rivers	4	48	88
<u>CARBON, EMERY, WAYNE, GRAND & SAN JUAN</u>			
Blue Mountains near Monticello	2	38	83
Fremont River	5	78	130
LaSal Mountains near Moab	2	89	123
Muddy River	2	76	126
Price River	7	61	100
San Rafael River	9	69	105
<u>EAST GARFIELD, KANE, WASHINGTON & IRON</u>			
Coal Creek near Cedar City	3	34	89
Escalante River	3	46	101
New Harmony to Newcastle	2	12	54
Paria River	1	2	15
Parowan Creek	3	50	90
Virgin River	4	25	66

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- ┌ S.C.S. Storage Gage
- └ W.B. Storage Gage
- + Aerial Snow Depth Gage
- ⚡ Radio Telemetry
- Radio Base Station

BEAR RIVER BASIN



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
UPPER BEAR RIVER (above Harer, Idaho)						
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550

LOWER BEAR RIVER (below Harer, Idaho)						
11H14M	U	Beaver Creek-Skunk Creek x	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond x	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34&35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

BEAR RIVER BASIN

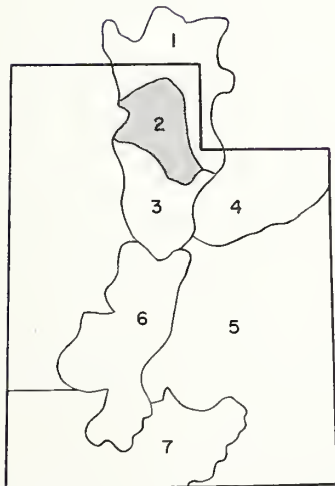
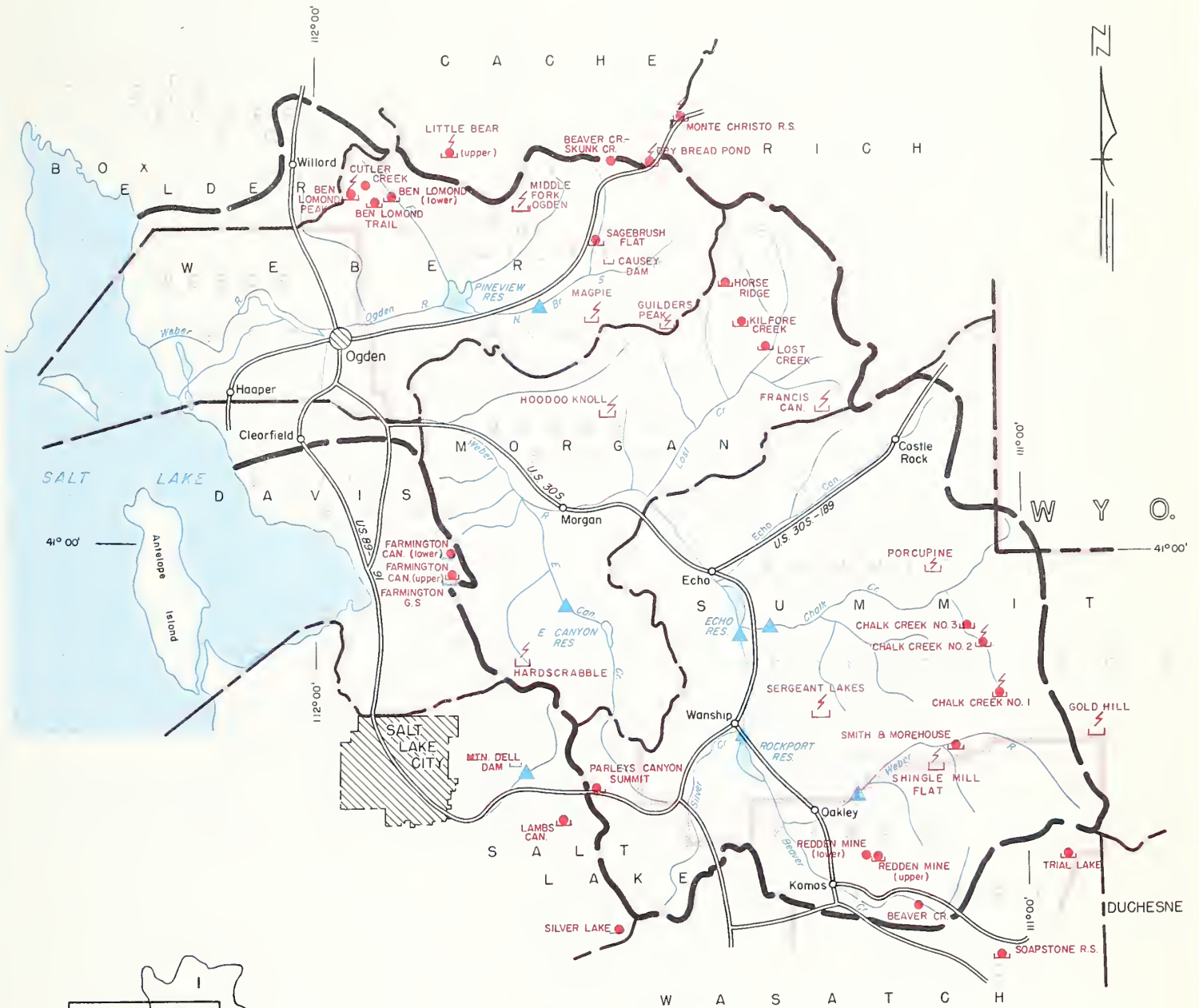
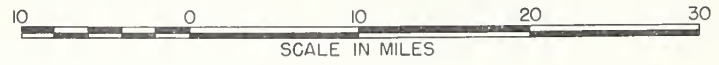
SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
UPPER BEAR RIVER (Above Harer, Idaho)						
Big Park x	8700	3/28	58	19.2	25.0	20.0
Burts-Miller Ranch	7900	3/25	23	7.0	7.3	6.1
CCC Camp x	7500	3/31	41	12.5	14.0	11.4
Hayden Fork	9400	3/25	51	15.9	17.6	15.8*
Kelly Ranger Station	8200	3/28	52	17.2	21.9	17.9
Monte Cristo R.S.	8960	3/27	64	22.2	27.1	24.7
Piney-LaBarge #2 x	8820	3/29	56	20.2	25.3	- -
Poison Meadows x	8500	3/29	85	30.0	17.1	29.3
Salt River Summit	7900	3/30	46	15.7	18.1	15.2
Stillwater Camp	8550	3/25	35	9.7	12.1	11.1b
Trial Lake x	9800	3/31	74	23.3	31.4	25.0
LOWER BEAR RIVER (Below Harer, Idaho)						
Beaver Crk-Skunk Crk	7150	3/27	29	10.8	19.3	11.0
Christensen Ranch	5600	3/26	18	5.8	7.6	7.2*
Cub River R.S.	5400	3/27	18	5.8	5.6	6.4*
Dry Bread Pond x	8230	3/27	47	16.8	24.7	17.0
Dry Creek Flat	6350	3/30	0	0.0	9.4	3.7*
Emigration Canyon	6500	3/27	30	11.6	13.1	9.6
Emigrant Summit	7350	3/27	68	25.0	29.5	22.9
Franklin Basin	8000	3/25	78	28.2	27.6	26.8
Garden City Summit	7600	3/25	51	17.0	19.8	18.1
Klondike Narrows	7400	3/25	56	19.7	23.1	19.4b
Little Bear (lower)	6000	3/26	22	7.9	15.4	7.8b
Little Bear (upper)	6550	3/26	30	11.1	18.1	10.6b
Monte Cristo R.S.	8960	3/27	64	22.2	27.1	24.7
Oxford Mountain	6800	3/30	23	8.6	12.8	7.7*
Slug Creek Divide	7225	3/27	46	16.4	18.3	15.4
Steep Hollow #1	8500	3/25	101	35.8	35.6	35.8b
Steep Hollow #2	7700	3/25	76	26.4	27.1	25.4b
Strawberry Creek	5800	3/26	20	7.1	13.0	10.1*
Strawberry Mink Divide	6800	3/26	55	19.1	22.5	20.1*
Tony Grove R.S.	6250	3/25	29	10.4	11.5	9.4
Willow Flat	6100	3/27	36	12.3	13.4	13.4*
Liberty Spring	8600	3/26	104	37.5	39.2	36.2*

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>BEAR RIVER</u>							
Burt's-Miller Ranch	7900	3/25	--	- -	9.57	- -	--
Chalk Creek #1 x	9100	3/30	4.06	- -	20.21	- -	--
Chalk Creek #2 x	8000	3/30	2.93	3.14b	13.15	14.96*	88
Chalk Creek #3 x	7500	3/26	2.30	2.54b	13.31	12.73b	105
Dry Bread Pond	8230	3/27	2.14	3.68b	19.11	19.90*	96
Garden City Summit	7600	3/25	1.82	3.16b	17.66	17.90*	99
Hayden Fork	9300	3/25	--	- -	18.97	- -	--
Klondike Narrows	7400	3/30	3.66	3.88b	23.63	23.27*	102
Little Bear (upper)	6850	3/30	2.10	3.10b	17.85	18.46*	97
Monte Cristo #2	8960	3/27	3.22	4.97b	25.11	24.65b	102
Sagebrush Flat x	6300	3/27	1.46	2.60b	12.76	13.36b	96
Salt River Summit	7900	3/30	1.80	2.71b	13.85	15.69*	88
Stillwater Camp	8550	3/25	--	- -	11.55	12.58*	92
Tony Grove R.S. (SCS)	6250	No Report		2.65b	--	18.75b	--
Trial Lake x	9800	3/31	4.15	3.82b	22.67	21.18*	107
Willow Flat	6100	3/27	3.67	3.63*	23.06	21.15*	109
Franklin Basin	8000	3/30	5.05	--	28.84	--	--

WEBER - OGDEN WATERSHEDS



WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- ┌ S.C.S. Storage Gage
- └ W.B. Storage Gage
- ⚡ Radio Telemetry

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
OGDEN RIVER						
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S. x	4	8N	4E	8,960
11H15P	U	Sagebrush Flat	21	7N	3E	6,300

WEBER RIVER						
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
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10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

WEBER-OGDEN WATERSHEDS

SNOW

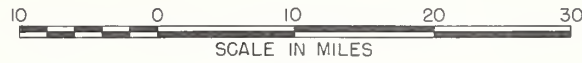
SNOW		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>OGDEN RIVER</u>						
Beaver Crk-Skunk Crk	7150	3/27	29	10.8	19.3	11.0
Ben Lomond (lower)	6000	3/26	33	13.0	21.4	13.5b
Ben Lomond Peak	8000	3/26	83	32.8	48.6	32.2
Ben Lomond Trail	6000	3/26	35	13.8	25.1	12.0b
Cutler Creek	6780	3/26	61	22.2	40.8	23.3b
Dry Bread Pond	8230	3/27	47	16.8	24.7	17.0
Monte Cristo R.S.	8960	3/27	64	22.2	27.1	24.7
Sagebrush Flat	6300	3/27	0	0.0	6.7	1.6
<u>WEBER RIVER</u>						
Beaver Creek R.S.	7500	3/31	24	7.7	10.5	7.7
Chalk Creek #1	9100	3/26	67	21.6	27.9	22.4
Chalk Creek #2	7900	3/26	48	14.7	18.3	14.4
Chalk Creek #3	7500	3/26	27	7.6	9.6	7.1*
Farmington Canyon (lower)	6950	3/30	66	20.7	27.2	21.2
Farmington Canyon (upper)	8000	3/30	86	30.5	37.0	26.3
Lamb's Canyon x	6600	3/31	53	18.0	17.6	13.7
Parley's Canyon Smt.	7500	3/31	56	18.6	19.6	17.2
Reddon Mine (lower)	8500	3/30	45	14.8	26.4	17.3
Reddon Mine (upper)	9000	3/30	49	16.9	28.6	19.0
Silver Lake x	8725	3/30	74	24.3	37.4	24.1
Smith & Morehouse	7600	2/27	36	11.8	18.6	11.9
Trial Lake x	9800	3/31	74	23.3	31.4	25.0
Horse Ridge	8260	3/28	57	20.9	- -	20.3b
Kilfore Creek	7300	3/28	42	12.3	- -	13.1b
FOOTNOTES - See last page						

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>OGDEN RIVER</u>							
Ben Lomond (lower)	5850	3/26	2.90	3.62b	19.20	23.47*	82
Ben Lomond Trail	6000	3/26	2.52	3.17b	24.23	24.65*	98
Causey Dam	5500	3/27	1.41	2.17b	13.16	15.63*	84
Dry Bread Pond	8230	3/27	2.14	3.68b	19.11	19.90*	96
Monte Cristo #2 x	8960	3/27	3.22	4.97b	25.11	24.65	102
Sagebrush Flat	6300	3/27	1.46	2.60b	12.76	13.36	96
<u>WEBER RIVER</u>							
Chalk Creek #1	9100	3/30	4.06	- -	20.21	- -	--
Chalk Creek #2	8000	3/30	2.93	3.14b	13.15	14.96*	88
Chalk Creek #3	7500	3/26	2.30	2.54b	13.31	12.73b	105
Farmington Guard Station	7500	3/30	4.47	5.03	29.65	26.76	111
Farmington Rice	7000	3/30	2.96	4.65	25.28	24.38	104
Lost Creek Reservoir	6125	No Report		- -	- -	- -	- -
Mt. Dell Dam	5500	3/31	1.74	2.32	13.82	11.84	117
Parley's Canyon Smt.	7500	3/31	3.05	3.75*	21.70	19.33	112
Reddon Mine (upper)	9000	3/30	3.45	- -	20.81	- -	--
Silver Lake (Brighton)	8725	3/31	5.95	5.04	27.02	24.15	112
Smith & Morehouse	7600	3/27	2.79	3.47b	16.10	16.45*	98
Trial Lake x	9800	3/31	4.15	3.82b	22.67	21.18	107
Sargeant Lakes	8400	3/30	2.80	--	13.87	--	--
Horse Ridge	8260	3/28	2.28	--	20.34	--	--
FOOTNOTES - See last page							

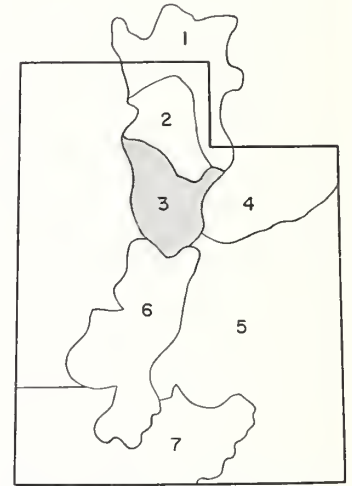
FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOEELE VALLEY WATERSHEDS

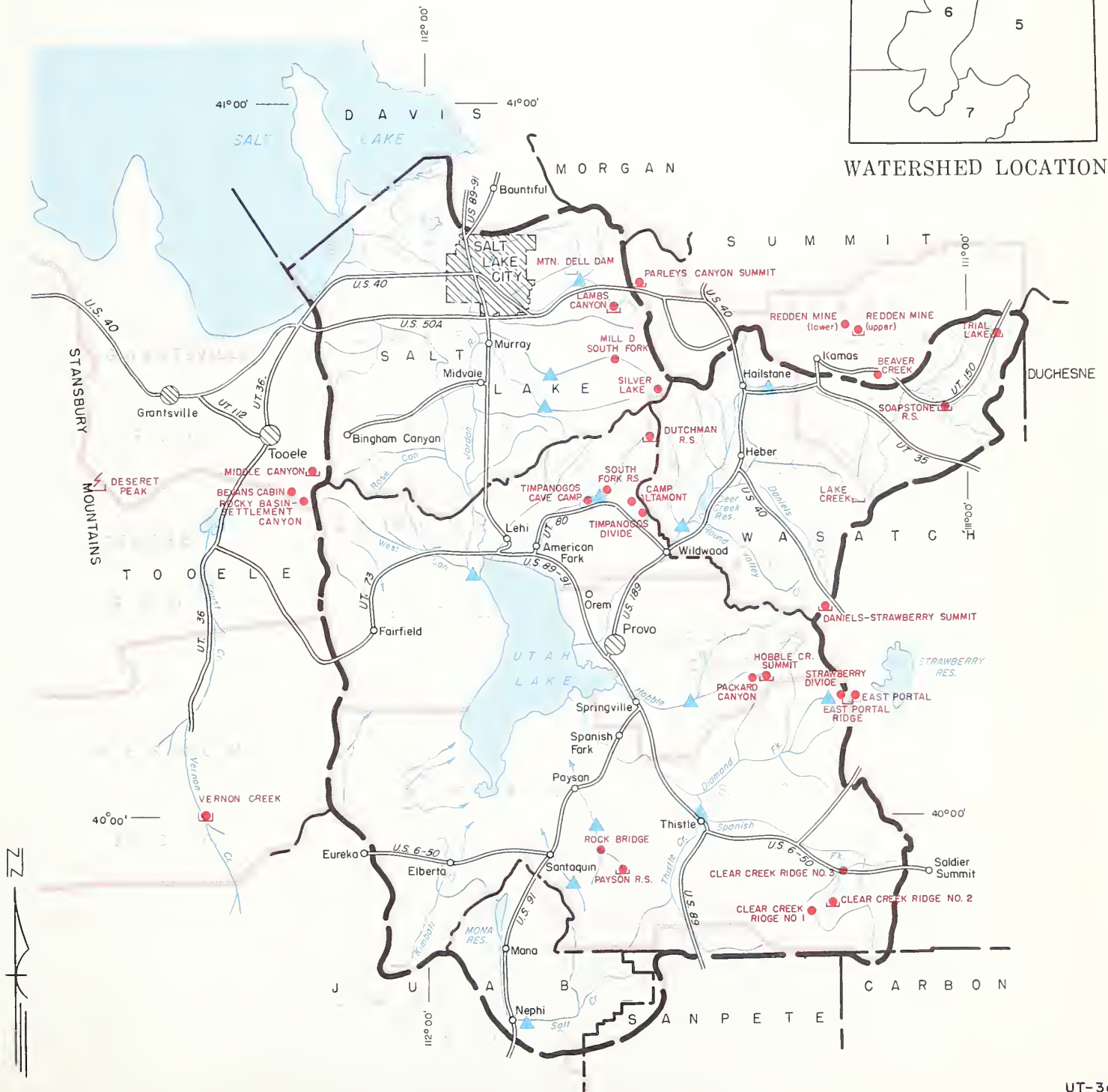


LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PROVO RIVER & UTAH LAKE						
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800

JORDAN RIVER & GREAT SALT LAKE

12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	5	1S	3E	7,500
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

UTAH LAKE, JORDAN RIVER & TOOELE WATERSHEDS

SNOW		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>UTAH LAKE</u>						
Beaver Creek R.S. x	7500	3/31	24	7.7	10.5	7.7
Camp Altamont	7300	3/31	28	10.2	31.1	13.3
Clear Creek Ridge #1	9200	3/27	55	17.8	27.6	17.3b
Clear Creek Ridge #2	8000	3/27	45	13.6	20.9	12.6b
Clear Creek Ridge #3	6600	3/27	22	7.6	11.9	5.2b
Daniels Strawberry Smt.	8000	3/27	33	10.8	24.4	14.0
Dutchman R.S.	7560	3/31	44	15.6	27.8	15.8
East Portal	7560	3/30	30	9.2	18.1	10.6
Hobble Creek Summit	7420	3/30	34	11.6	21.0	12.0
Packard Canyon	6400	3/30	21	7.2	14.8	8.4b
Payson R.S.	8050	3/26	50	19.0	25.4	16.6
Rock Bridge	6750	3/26	32	11.9	13.5	11.0
Soapstone	7800	3/31	40	12.4	14.0	11.9
South Fork R.S.	6100	3/31	0	0.0	7.8	2.8
Strawberry Divide	8000	3/30	54	18.1	27.1	18.4
Timpanogos Cave Camp	5500	3/31	0	0.0	2.7	1.0
Timpanogos Divide	8140	3/31	52	17.8	44.2	22.6
Trial Lake	9800	3/31	74	23.3	31.4	25.0
<u>JORDAN RIVER & TOOELE VALLEY</u>						
Bevan's Cabin	6450	4/1	27	9.8	16.1	9.6b
Lamb's Canyon	6600	3/31	53	18.0	17.6	13.7
Middle Canyon - Tooele	7000	3/31	38	13.4	21.2	12.2b
Mill D South Fork	7400	3/30	60	21.6	24.2	18.8
Parley's Canyon Summit	7500	3/31	56	18.6	19.6	17.2
Rocky Basin-Settlement C	8900	4/1	71	23.2	39.9	23.6b
Silver Lake	8725	3/30	74	24.3	37.4	24.1
Vernon Creek	7500	3/31	18	6.2	18.3	- -
FOOTNOTES - See Last page						

PRECIPITATION (Inches)

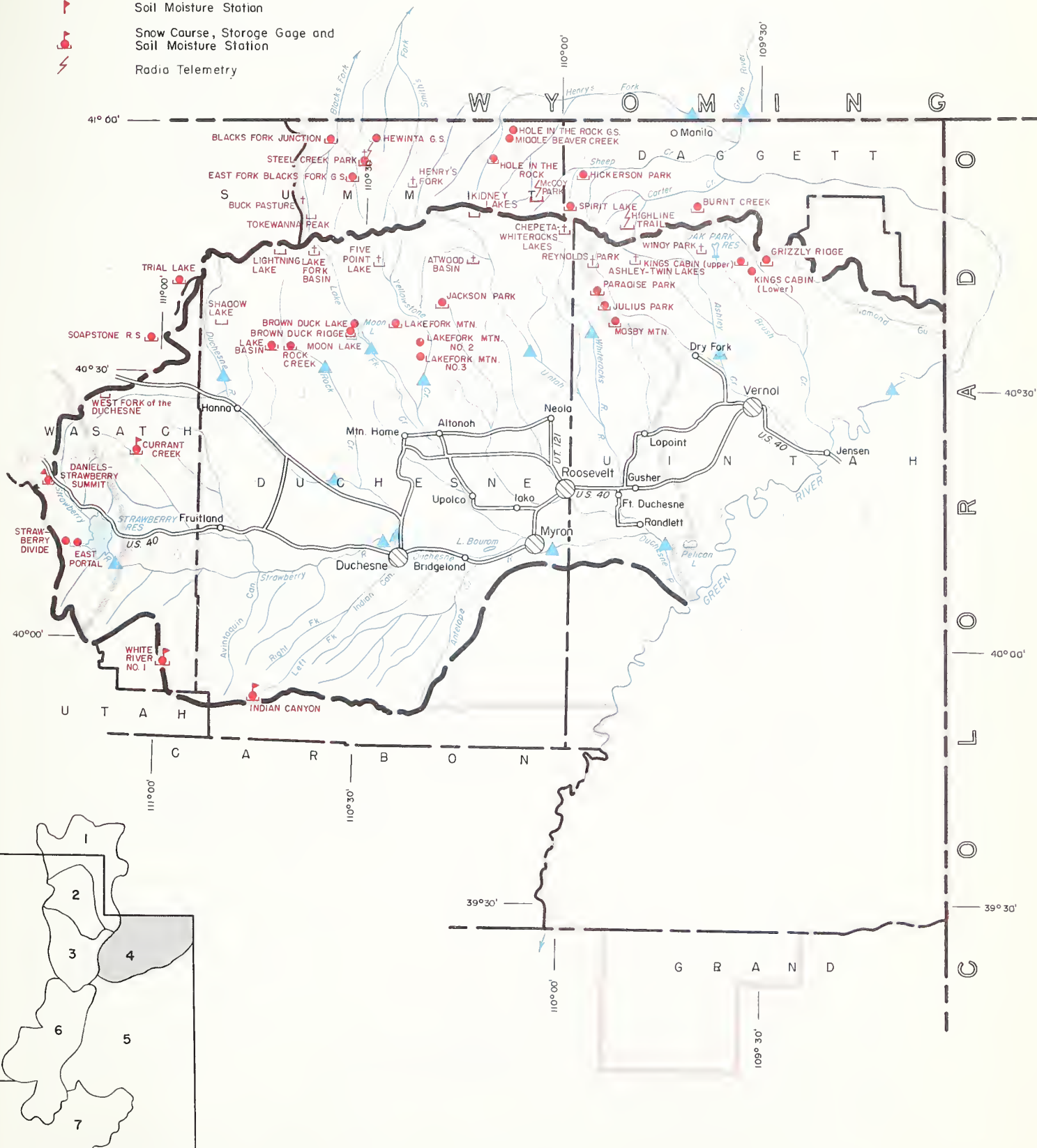
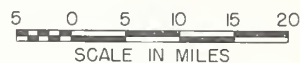
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>UTAH LAKE</u>							
Clear Creek Ridge #2	8000	3/27	2.80	2.73b	15.55	14.32*	109
Daniels-Strawberry Smt.	8000	3/27	2.61	3.26b	15.33	17.11b	90
Dutchman R.S.	7500	3/31	2.50	3.32b	12.38	19.26b	64
East Portal Ridge	7800	3/30	2.02	3.12	15.23	16.90*	90
Hobble Creek Smt.	7300	3/30	2.65	- -	15.25	- -	--
Payson R.S.	8050	3/26	2.71	3.12b	18.00	16.97	106
Soapstone R.S.	7800	3/31	2.58	2.54b	16.38	14.67*	112
Timpanogos Divide	8200	3/31	3.35	3.89	15.72	23.78	66
Trial Lake	9800	3/31	4.15	3.82b	22.67	21.18	107
<u>JORDAN RIVER & TOOELE VALLEY</u>							
Middle Canyon	7000	3/31	2.50	3.56b	14.21	16.43	86
Mt. Dell Dam	5500	3/31	1.74	2.32	13.82	11.84	117
Parley's Canyon Smt.	7500	3/31	3.05	3.75*	21.70	19.33	112
Silver Lake (Brighton)	8725	3/31	5.95	5.04	27.02	24.15	112
Rockey Basin-SettlementCy	8900	4/1	--	- -	17.70	- -	--
Vernon Creek	7500	3/31	2.84	- -	13.20	- -	--
FOOTNOTES - See last page							

FOOTNOTES - See last page

LEGEND

- Watershed Boundary
- - - Sub-watershed Boundary
- - - Soil Conservation District Bdry
- - - County Boundary
- ▲ Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- † Aerial Snow Depth Gage
- † Snow Course and Aerial Snow Depth Gage
- † Soil Moisture Station
- † Snow Course, Storage Gage and Soil Moisture Station
- ⚡ Radio Telemetry

UINTAH BASIN & DAGGETT S. C. D's.



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE	ELEV.
UPPER GREEN RIVER IN UTAH (above Duchesne River)						
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J10a	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
DUCHESNE RIVER						
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
10J29p	U	Lightning Lake	24	4N	8W	10,950
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	28	3N	8W	10,150
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

UINTAH BASIN & DAGGETT SCD'S

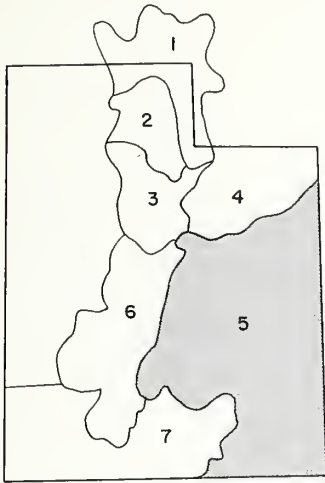
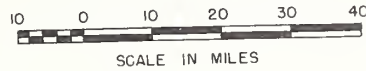
SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average †
<u>UINTAH BASIN SCD</u>						
Brown Duck Lake	10300	3/26	46	12.8	21.4	16.2b
Currant Creek	7800	3/31	19	6.6	18.8	8.0b
Daniels-Strawberry Smt. x	8000	3/27	33	10.8	24.4	14.0
East Portal x	7560	3/30	30	9.2	18.1	10.6
Indian Canyon	9100	3/24	32	9.4	20.7	11.5
Jackson Park	11300	3/30	45	10.5	20.3	12.1b
Julius Park	9800	3/27	44	11.0	22.1	12.0b
King's Cabin (lower)	8600	3/25	33	8.4	14.1	8.1
King's Cabin (upper)	8730	3/25	44	11.1	16.4	9.6
Lakefork Mountain	10200	3/30	38	9.5	18.0	11.1
Lakefork Mountain #2	8900	3/30	22	5.1	14.6	7.2
Lakefork Mountain #3	8100	3/30	17	3.9	13.9	5.6
Mosby Mountain	9500	3/27	31	7.8	17.8	9.7
Paradise Park	10100	3/27	38	10.4	21.9	11.4
Rock Creek	7900	3/25	14	4.7	15.0	5.9b
Soapstone R.S. x	7800	3/31	40	12.4	14.0	11.9
Strawberry Divide	8000	3/30	54	18.1	27.1	18.4
Trial Lake	9800	3/31	74	23.3	31.4	25.0
White River #1	8550	3/27	40	12.8	18.7	12.0*
<u>DAGGETT SCD</u>						
Black's Fork Jct.	8925	3/24	37	9.9	8.4	9.3b
East Fk. Black's Fk. G.S.	9300	3/24	41	10.6	7.8	9.4b
Hewinta Guard Station	9500	3/24	40	10.2	7.7	9.8*
Hickerson Park	9100	3/26	30	8.1	5.9	6.0*
Hole-in-the-Rock	9150	3/23	30	6.8	5.6	5.9
Hole-in-the-Rock G.S.	8300	3/23	0	0.0	2.6	1.6b
Middle Beaver Creek	8550	3/23	14	3.5	5.2	5.3b
Spirit Lake	10300	3/25	56	13.8	14.2	12.0b
Steel Creek Park	9900	3/24	59	16.5	14.0	15.3b
<u>UINTAH BASIN - Aerial Markers</u>						
Ashley Twin Lakes A	10500	4/1	62	16.1	--	--
Atwood Basin A	10250	4/1	40	10.0	--	--
Buck Pasture A	9700	4/1	58	15.7	--	--
Chepeta-Whiterocks Lakes A	10300	4/1	56	15.1	--	--
Five Point Lake A	11000	4/1	64	16.0	--	--
Henry's Fork A	10000	4/1	59	14.8	--	--
Lakefork Basin A	11100	4/1	65	16.2	--	--
Reynolds Park A	10400	4/1	60	16.2	--	--
Windy Park A	9400	4/1	57	14.2	--	--
FOOTNOTES - See last page						

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Average
<u>UINTAH BASIN SCD</u>							
Brown Duck Ridge	10800	Delayed	Report	- -		- -	
Currant Creek	7800	3/31	--	- -	13.12	12.35b	106
Daniels-Strawberry Smt.x	8000	3/27	2.61	3.26b	15.33	17.11b	90
East Portal Ridge x	7800	3/30	2.02	3.12	15.23	16.90*	90
Grizzly Ridge	8500	3/27	4.40	- -	12.72	- -	--
Indian Canyon	9100	3/24	2.19	2.32b	11.97	13.06b	92
Jackson Park	10650	3/30	--	- -	12.84	- -	--
Julius Park	9800	3/27	2.74	1.86b	9.29	11.24*	83
King's Cabin (upper)	8730	3/25	3.53	2.07b	11.00	10.04*	110
Lakefork Mountain	10500	3/30	2.45	1.91b	10.30	11.09b	93
Moon Lake	8150	3/31	1.90	1.13	6.55	7.54	87
Mosby Mountain	9500	3/27	2.25	- -	19.28	- -	--
Paradise Park	10100	3/27	3.32	2.24b	10.20	12.54b	81
Rock Creek	7900	3/25	--	- -	9.67	10.42b	93
Soapstone R.S. x	7800	3/31	2.58	2.54b	16.38	14.67*	112
Trial Lake x	9800	3/31	4.15	3.82b	22.67	21.18b	107
White River #1 x	8600	3/27	1.80	2.52b	11.55	12.98*	89
<u>DAGGETT SCD</u>							
Black's Fork Jct.	8925	3/24	1.97	2.33b	11.85	10.33b	115
Burnt Creek	7900	3/27	3.45	- -	10.63	- -	--
E. Fk. Black's Fk. G.S.	9300	3/24	2.35	2.40b	12.07	11.06b	109
Hewinta Guard Station	9500	3/24	2.28	2.59b	13.12	11.77b	111
Hickerson Park	9100	3/25	2.62	- -	5.98	- -	--
Spirit Lake	10300	3/25	4.19	2.65	13.90	13.98*	99
Steel Creek Park	9900	3/30	3.49	- -	15.56	- -	--

FOOTNOTES - See last page

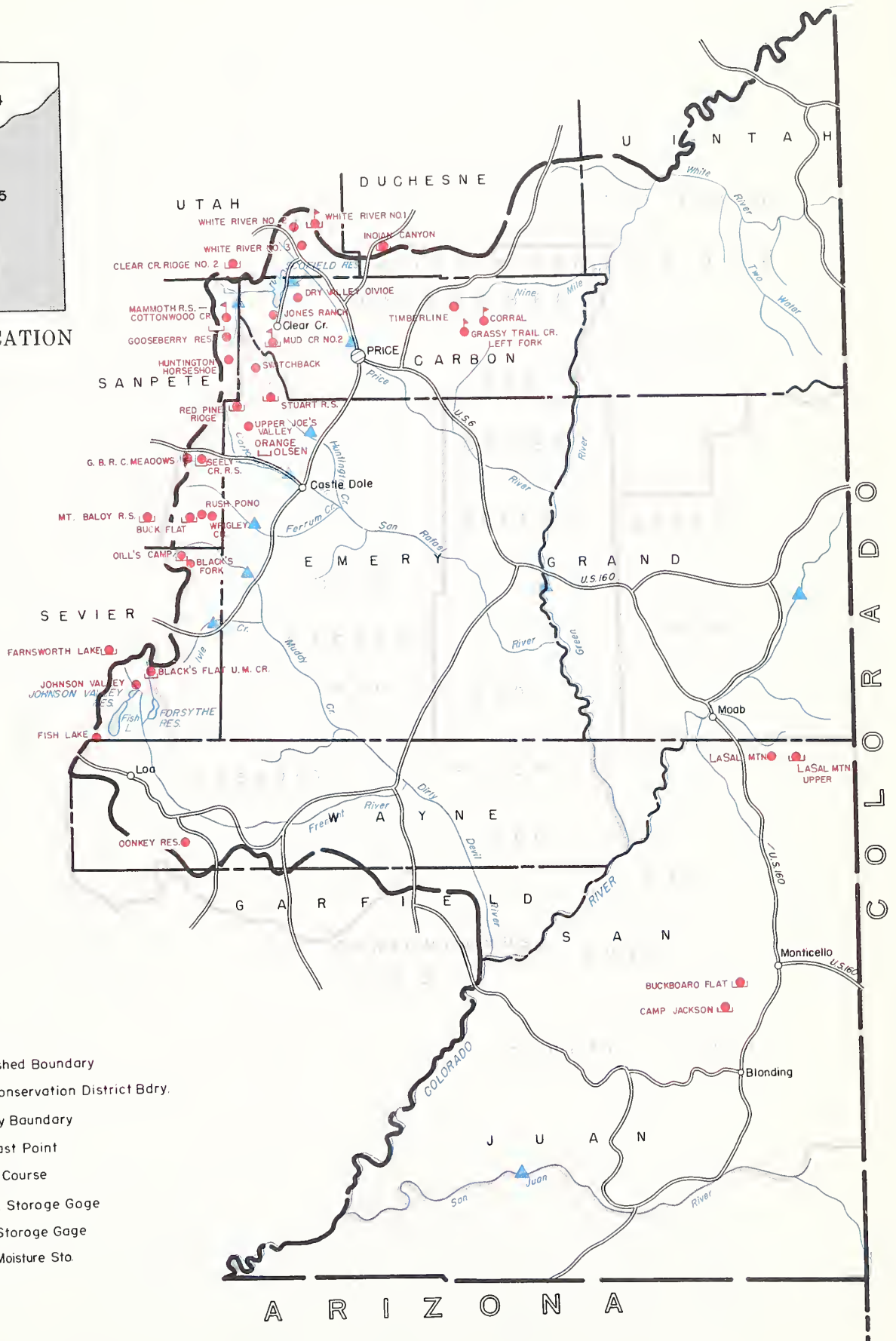
CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES



WATERSHED LOCATION



- LEGEND**
- Watershed Boundary
 - Soil Conservation District Bdry.
 - County Boundary
 - ▲ Forecast Point
 - Snow Course
 - └─┐ S.C.S. Storage Gage
 - └─┐ W.B. Storage Gage
 - └─┐ Soil Moisture Sto



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PRICE RIVER						
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
SAN RAFAEL RIVER						
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
MUDDY RIVER						
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
FREMONT RIVER						
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
SOUTHEASTERN UTAH DRAINAGES						
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN

SNOW		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>PRICE RIVER</u>						
Corral	8200	3/30	23	6.0	18.0	7.2b
Dry Valley Divide	7800	3/26	29	9.1	18.4	9.4
Gooseberry Reservoir	8700	3/27	53	18.8	31.0	18.1
Grassey Trail Crk-Left Fk.	7970	3/30	29	6.8	20.0	19.0
Huntington-Horseshoe	9800	3/27	62	23.1	32.4	23.4
Indian Canyon x	9100	3/24	32	9.4	20.7	11.5
Jones Ranch	7600	3/26	17	5.6	15.1	4.9b
Mammoth R.S.-Ctnwd. Crk.	8800	3/27	55	19.6	31.8	19.0
Mud Creek #2	8300	3/26	43	13.4	20.9	12.3*
Timberline	9100	3/30	42	10.1	25.9	13.6b
White River #1	8550	3/27	40	12.8	18.7	12.0
White River #2	7600	3/27	28	8.4	14.4	7.3b
White River #3	7400	3/27	22	8.4	13.4	6.6b
<u>SAN RAFAEL RIVER</u>						
Buck Flat	9400	3/27	58	18.3	23.1	15.9b
Gooseberry Reservoir x	8700	3/27	53	18.8	31.0	18.1
Huntington-Horseshoe	9800	3/27	62	23.1	32.4	23.4
Mammoth R.S.-Ctnwd. Crk. x	8800	3/27	55	19.6	31.8	19.0
Red Pine Ridge	9400	Survey Delayed			24.5	16.9b
Rush Pond	9800	3/27	49	13.3	20.5	13.8b
Seely Creek R.S.	10000	3/31	56	17.6	21.6	15.0
Stuart R.S.	7950	4/1	28	7.9	14.5	7.3b
Switchback	8600	4/1	50	15.3	25.0	15.3b
Upper Joe's Valley	8900	3/30	38	10.8	16.4	9.5b
Wrigley Creek	9000	3/27	41	10.8	17.6	10.6b
<u>MUDDY & FREMONT RIVERS</u>						
Black's Flat-U.M. Creek	9250	3/23	46	12.8	16.1	9.3b
Black's Fork	9200	3/26	50	16.2	20.6	12.9
Dill's Camp	9200	3/26	46	14.2	19.3	11.3*
Donkey Reservoir	9800	3/24	33	7.9	9.3	6.8b
Farnsworth Lake x	9900	3/30	77	22.7	22.9	17.4
Fish Lake	8700	3/23	27	7.2	14.4	5.7
Johnson Valley	8850	3/23	30	8.4	13.4	6.0b
Mt. Baldy R.S. x	9500	3/26	72	24.8	32.3	21.8
<u>SOUTHEASTERN UTAH DRAINAGES</u>						
Buckboard Flat	9000	3/22	36	9.8	21.2	11.4
Camp Jackson	8600	3/24	30	8.5	26.2	10.5b
LaSal Mountain	8800	3/25	40	11.6	13.4	8.7
LaSal Mountain (upper)	9400	3/25	61	18.3	20.1	15.5b

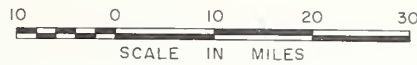
FOOTNOTES - See last page

PRECIPITATION (Inches)

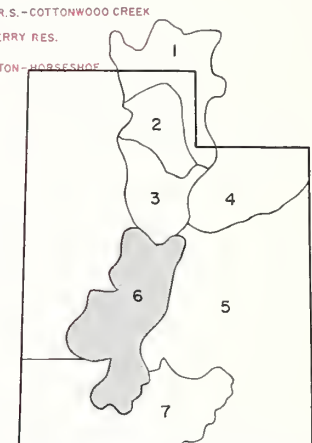
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>PRICE RIVER</u>							
Clear Creek Ridge #2	8000	3/27	2.80	2.73b	15.55	14.32*	109
Gooseberry Reservoir	8700	3/27	2.40	3.44b	16.34	17.27b	95
Indian Canyon	9100	3/24	2.19	2.32b	11.97	13.06b	92
Mammoth R.S. #2	8600	3/27	2.60	3.83b	18.03	18.23b	99
Mud Creek	8300	3/26	2.60	2.99*	13.95	14.30*	98
White River #1	8600	3/27	1.80	2.52b	11.55	12.98*	89
<u>SAN RAFAEL RIVER</u>							
Buck Flat	9400	3/27	3.80	3.69*	17.30	16.15*	107
G.B.R.C. Meadows x	10000	3/31	5.90	4.62	24.53	21.03	117
Gooseberry Reservoir x	8700	3/27	2.40	3.44b	16.34	17.27b	95
Orange Olsen	7300	3/30	2.15	- -	8.09	- -	--
Red Pine Ridge	9400	Delayed		3.83b		18.98*	
Stuart R.S.	7950	4/1	--	- -	11.00	11.21*	98
<u>FREMONT & MUDDY RIVERS</u>							
Dill's Camp	9200	3/26	--	- -	16.05	- -	--
Black's Flat-U.M. Crk.	9250	3/23	3.12	2.87b	14.60	11.80*	124
Farnsworth Lake x	9900	3/30	5.13	4.63b	22.76	18.15b	125
Fish Lake	8700	3/23	2.52	1.73b	11.92	8.11b	147
Widtsoe-Escalante #3	9500	3/31	3.27	2.49b	11.84	12.44b	95
<u>SOUTHEASTERN UTAH DRAINAGES</u>							
Buckboard Flat	9000	3/23	4.90	2.88b	14.99	16.92b	89
Camp Jackson	8600	3/24	4.55	2.65*	12.54	14.31*	88
LaSal Mountain (upper)	9600	3/25	4.40	- -	15.30	14.56*	105
FOOTNOTES - See last page							

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



T O O E L E U T A H



WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- ▲ Soil Moisture Station
- ┌ S.C.S. Storage Gage
- └ W.B. Storage Gage



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
UPPER SEVIER RIVER (South of Richfield, Utah)						
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
11L9	U	High-Top Mountain.	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit x	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2 x	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3 x	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
LOWER SEVIER RIVER (Including San Pitch River)						
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	22	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
11K39	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
11L8	U	Salina Creek (lower)	12	22S	3E	7,250
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
11L7	U	White Gate	16	21S	3E	9,350
BEAVER RIVER						
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
UPPER SEVIER RIVER (South of Richfield, Utah)						
Big Flat x	10290	3/26	58	18.3	28.5	16.9
Box Creek	9800	3/25	47	13.6	20.1	11.7b
Bryce Canyon	8000	3/30	1	0.3	11.9	2.0
Castle Valley	9700	3/30	33	9.1	24.5	11.7b
Duck Creek R.S.	8700	3/30	14	4.6	34.1	11.8
Fish Lake	8700	3/23	27	7.2	14.4	5.7
Harris Flat R.S.	7700	3/30	3	1.0	24.0	5.7
Kimberly Mine	9300	3/27	56	16.4	24.3	14.3
Long Valley Jct. x	7500	3/30	0	0.0	15.4	1.2
Midway Valley	9800	3/31	47	15.0	42.0	20.2b
Panguitch Lake	8200	3/30	1	0.2	10.0	2.2
Squaw Springs	9300	3/25	27	6.7	13.8	6.3b
Widtsoe-Escalante Smt.	9500	3/31	15	4.6	14.2	5.4
Widtsoe-Escalante #2	9500	3/31	25	6.8	14.3	8.1
Widtsoe-Escalante #3	9500	3/31	34	9.8	17.2	7.4b
LOWER SEVIER RIVER (Including San Pitch)						
Beaver Dams	8000	3/26	36	11.9	16.8	11.2
Farnsworth Lake	9900	3/30	77	22.7	22.9	17.4
G.B.R.C. Headquarters	8700	3/31	56	16.5	20.7	16.1
G.B.R.C. Meadows	10000	3/31	84	26.3	31.2	24.3
Gooseberry R.S.	8400	3/30	52	13.0	16.4	10.8
Gooseberry Reservoir x	8700	3/27	53	18.8	31.0	18.1
Huntington-Horseshoe	9800	3/27	62	23.1	32.4	23.4
Mammoth R.S.-Ctnwd. Crk.	8800	3/27	55	19.6	31.8	19.0
Middle Fork	9600	3/24	77	24.0	35.0	22.5b
Mt. Baldy R.S.	9500	3/26	72	24.8	32.3	21.8
Oak Creek	7760	3/31	50	12.2	18.5	- -
Pickle Keg Springs	9600	3/25	54	18.8	20.4	- -
Pine Creek	8700	4/1	65	19.6	22.0	15.0
Ree's Flat	7300	3/23	46	14.0	16.9	12.0b
Salina Creek (lower)	7250	Not Measured			6.3	- -
Shingle Mill	6200	3/26	25	8.9	12.1	8.3b
Thistle Flat	8500	3/24	54	17.4	21.9	15.5b
BEAVER RIVER						
Big Flat	10290	3/26	58	18.3	28.5	16.9
Merchant Valley	8200	3/26	29	8.8	18.8	8.1
Otter Lake	9300	3/26	49	15.8	25.4	13.3
FOOTNOTES - See last page						

FOOTNOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average

SEVIER RIVER

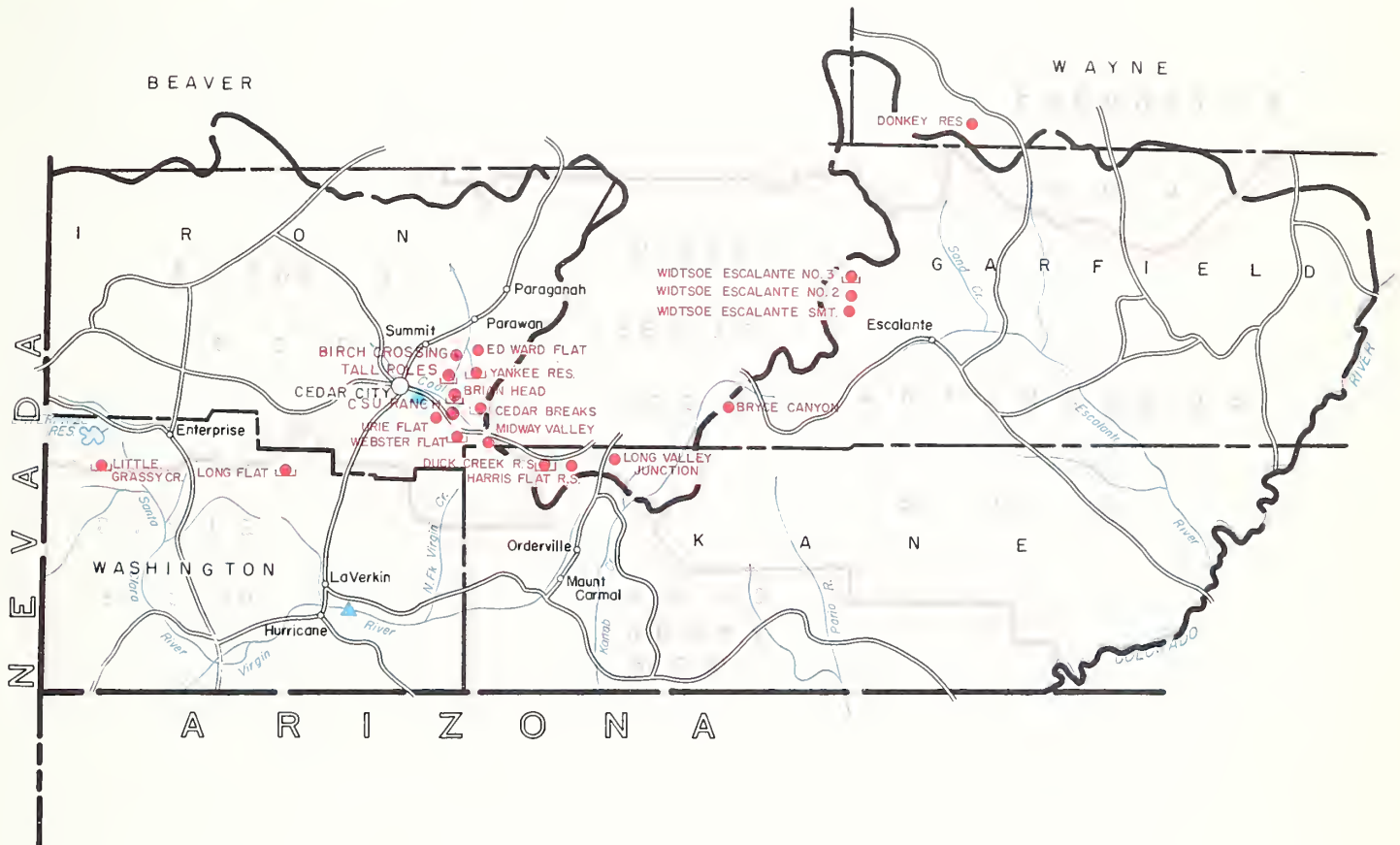
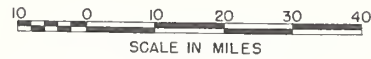
Beaver Dams	8000	3/26	3.10	3.02b	15.27	14.32b	107
Big Flat x	10290	3/26	3.45	3.66b	16.99	15.52*	109
Box Creek	9800	3/25	3.28	3.07b	14.85	13.20b	112
Castle Valley	9700	3/30	3.36	3.19b	10.96	14.49b	76
Duck Creek R.S.	8560	3/30	3.58	3.20b	9.78	16.65*	59
Farnsworth Lake	9900	3/30	5.13	4.63b	22.76	18.15b	125
Fish Lake	8700	3/23	2.52	1.73b	11.92	8.11b	147
G.B.R.C. Headquarters	8700	3/31	4.45	3.80	18.50	17.57	105
G.B.R.C. Meadows	10000	3/31	5.90	4.62	24.53	21.03	117
G.B.R.C. Oaks	7655	3/31	3.00	2.53	12.43	12.05	103
Gooseberry R.S.	7800	3/30	4.08	3.03	15.27	12.59*	121
Gooseberry Reservoir x	8700	3/27	2.40	3.44b	16.34	17.27b	95
Kimberly Mine	8900	3/27	4.11	4.04*	18.02	17.12*	105
Mammoth R.S. #2 x	8600	3/27	2.60	3.83b	18.03	18.23b	99
Mt. Baldy	9500	3/26	3.80	3.42b	19.66	15.85b	124
Oak Creek	7760	3/31	--	- -	14.07	- -	--
Panguitch Lake	8200	3/30	1.96	1.29b	6.13	6.80b	90
Pickle Keg Springs	9600	3/25	--	- -	15.68	- -	--
Pine Creek	8700	4/1	8.64	5.65b	27.83	21.74b	128
Salina Creek (lower)	7250	Not Measured		- -		- -	
Shingle Mill	6200	3/26	3.10	3.17b	14.02	13.75b	102
Webster Flat x	9200	3/31	6.75	3.13	15.03	17.95*	84
White Gate	9350	Not Measured		- -		- -	
Widtsoe-Escalante #3	9500	3/31	3.27	2.49	11.84	12.44b	95
Widtsoe R.S.	7600	3/31	1.27	0.77	4.03	4.55	89

BEAVER RIVER

Beaver Canyon P.H.	7275	3/31	2.21	- -	--	- -	--
Big Flat	10290	3/26	3.45	3.66b	16.99	15.52*	109
Merchant's Valley	8650	3/26	2.93	- -	13.87	- -	--

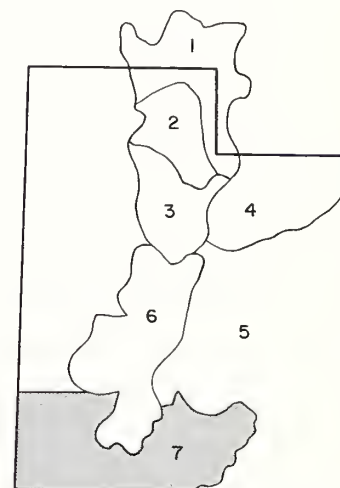
FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PARIA RIVER						
12M8	U	Bryce Canyon x	36	36S	4W	8,000
PAROWAN CREEK						
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
COAL CREEK						
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
ENTERPRISE TO NEW HARMONY DRAINAGES						
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
ESCALANTE RIVER						
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
VIRGIN RIVER						
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,700
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

EAST GARFIELD, KANE, WASHINGTON & IRON

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average †
<u>ESCALANTE RIVER</u>						
Widtsoe-Escalante Smt.	9500	3/31	15	4.6	14.2	5.4
Widtsoe- Escalante #2	9500	3/31	25	6.8	14.3	8.1
Widtsoe-Escalante #3	9500	3/31	34	9.8	17.2	9.4b
<u>PARIA RIVER</u>						
Bryce Canyon x	8000	3/30	1	0.3	11.9	2.0
<u>VIRGIN RIVER & COAL CREEK</u>						
CSU Ranch	8200	3/31	9	2.3	23.8	- -
Duck Creek R.S.	8700	3/30	14	4.6	34.1	11.8
Harris Flat x	7700	3/30	3	1.0	24.0	5.7
Long Valley Jct.	7500	3/30	0	0.0	15.4	1.2
Midway Valley x	9800	3/31	47	15.0	42.0	20.2b
Urie Flat	8450	3/27	18	6.3	21.6	5.1b
Webster Flat	9200	3/31	43	13.6	38.1	14.1
<u>PAROWAN CREEK</u>						
Birch Crossing	8100	3/27	19	5.5	10.3	- -
Brian Head	10000	3/27	65	17.9	30.2	- -
Ed Ward Flat	8300	3/27	32	7.9	10.8	6.5
Tall Poles	8800	3/27	47	12.0	19.0	- -
Yankee Reservoir	8700	3/27	36	9.5	12.2	9.1
<u>ENTERPRISE TO NEW HARMONY DRAINAGES</u>						
Little Grassy Creek	6100	3/30	0	0.0	12.1	0.4b
Long Flat	8000	3/30	10	3.0	13.9	5.1b
FOOTNOTES - See last page						

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>ESCALANTE RIVER</u>							
Widtsoe-Escalante #3	9500	3/31	3.27	2.49b	11.84	12.44b	95
<u>VIRGIN RIVER</u>							
Duck Creek R.S.	8560	3/30	3.58	3.20b	9.78	16.65*	59
Webster Flat	9200	3/31	6.75	3.13*	15.03	17.95*	84
<u>COAL CREEK</u>							
Webster Flat x	9200	3/31	6.75	3.13*	15.03	17.95*	84
<u>PAROWAN CREEK</u>							
Tall Poles	8800	3/28	3.65	- -	12.95	- -	--
Yankee Reservoir	8700	3/28	2.90	2.84b	11.15	11.33b	98
<u>ENTERPRISE TO NEW HARMONY DRAINAGE</u>							
Little Grassy Creek	6100	3/30	1.45	2.19b	8.90	11.68*	76
Long Flat	8000	3/30	1.80	2.65b	8.25	11.56b	71
FOOTNOTES - See last page							

FOOTNOTES - See last page

FOOTNOTES

- (1) Data supplied by U. S. Forest Service
- (2) Data supplied by U. S. Weather Bureau
- (3) Data supplied by U. S. Geological Survey

- (a) 1953-67 - 15-year average period
- (b) Average of all past record - less than 15 years
- (c) Taken at Compromise point

- (A) Aerial observation - water content estimated
- (x) Adjacent drainage
- * Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

- (1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
- (2) Observed flow plus change in storage in East Canyon Reservoir.
- (3) Inflow record as computed by U. S. Bureau of Reclamation.
- (4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
- (5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
- (6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
- (7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal.
- (8) Change in storage plus diversion thru Strawberry tunnel.
- (9) Observed flow plus change in storage in Otter Creek Reservoir.
- (10) Gage is below diversions near Salina.
- (11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
- (12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
- (13) Observed flow plus diversion through Duchesne Tunnel.
- (14) Observed flow plus change in storage in Moon Lake Reservoir.
- (15) Observed flow plus change in storage reservoir.
- (16) Corrections made for Strawberry, Moon Lake, Starvation Reservoir, Strawberry and Duchesne Tunnels.

- (a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.

